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(54) Title: **TAMPON FOR FEMININE HYGIENE AND PROCESS AND APPARATUS FOR MANUFACTURING THE SAME**

(57) Abstract: The invention relates to a tampon for feminine hygiene, with a tapered introductory end, a withdrawal end provided with a withdrawal means and a longitudinal axis, comprising a longitudinally extending absorbent body made from compressed fiber material, the absorbent body being densified more intensely in the region of the longitudinal axis and forming a fiber column, from which longitudinal ribs extend radially outward and flank longitudinal ribs in pairs. The tapered introductory end being formed by the to fiber column, the longitudinal grooves and longitudinal ribs is provided with collecting grooves and collecting ribs to collect menstrual secretions, wherein the collecting grooves are open axially to the front and radially outward and wherein the collecting ribs flank the collecting grooves in pairs. The invention provides for an increased absorption capacity of the tampon in relation to the weight of the fiber material per tampon.

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